



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

December 1992

NOVEMBER 1992

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

There were 304,700 workers employed in California agriculture during November, 53,900 fewer than in October (Table 1-A). This figure is three percent above the November 1991 total. Over-the-month job loss occurred in all regions except the Desert, which recorded a small increase. As is usual for this time of the year, the decline occurred in many industries, such as Grapes, Vegetables and Melons, Berries, Farm Labor Contractors, Tree Fruits and Nuts, and General Crop Farms.

Wage and Salary Workers in Agricultural Establishments

For November

1992

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	304.7	128.5	49.6	56.5	34.6	26.1	10.2
Total Crops	168.6	63.6	34.3	33.7	11.4	19.2	7.3
Total Livestock	25.3	13.7	2.1	1.0	4.9	2.4	1.8
Total Services	110.8	51.2	13.2	21.8	18.3	4.5	1.1

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

Employment in November was 17,800 above the November 1991 level. Employment was up from the year-earlier level in all regions except the North Coast. Statewide, Crop Services and Farm Labor Contracting recorded the largest increases from a year ago. (Tables 1-A through 7-A.)

Average hourly earnings were \$6.71 this November and in November 1991. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during November were:

- Desert: None.
- South Coast: Horticulture, tomatoes, and strawberries, (harvest), miscellaneous vegetables (plant, cultivate & harvest).
- Central Coast: Broccoli and lettuce (harvest), strawberries and miscellaneous vegetables (preharvest/harvest), horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Lettuce, olives, navel oranges, grapes, and corn for silage (harvest), rose plants, and miscellaneous vegetables (plant, cultivate & harvest) orchards (prune).
- Sacramento Valley: None.
- North Coast: None.

AGRICULTURAL PRODUCTION WORKERS

The statewide figure for agricultural production worker employment was 274,900, up 54,300 from October. (Table 1-B.)

The statewide November average weekly earnings for production workers were \$275.11. The lowest average weekly earnings, \$243.76, were in the Desert Region, and the highest, \$299.54, were in the Central Coast Region. (Tables 1-C through 7-C.)

The statewide average hourly work week for was 41.0 hours. The average ranged from a low of 36.6 hours in the Desert Region to a high of 42.9 hours in the Sacramento Valley Region. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For November 1992

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.71	6.60	6.71	7.72	6.66	6.30	7.07
Total Crops	6.61	6.47	6.61	7.07	6.26	6.37	7.44
Total Livestock	7.24	7.33	7.60	7.53	8.05	6.83	6.58
Total Services	6.72	6.53	6.82	8.86	6.40	5.71	6.42

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 12 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2321. (ATSS 8-469-2321).**

CALIFORNIA

Wage and Salary Employment

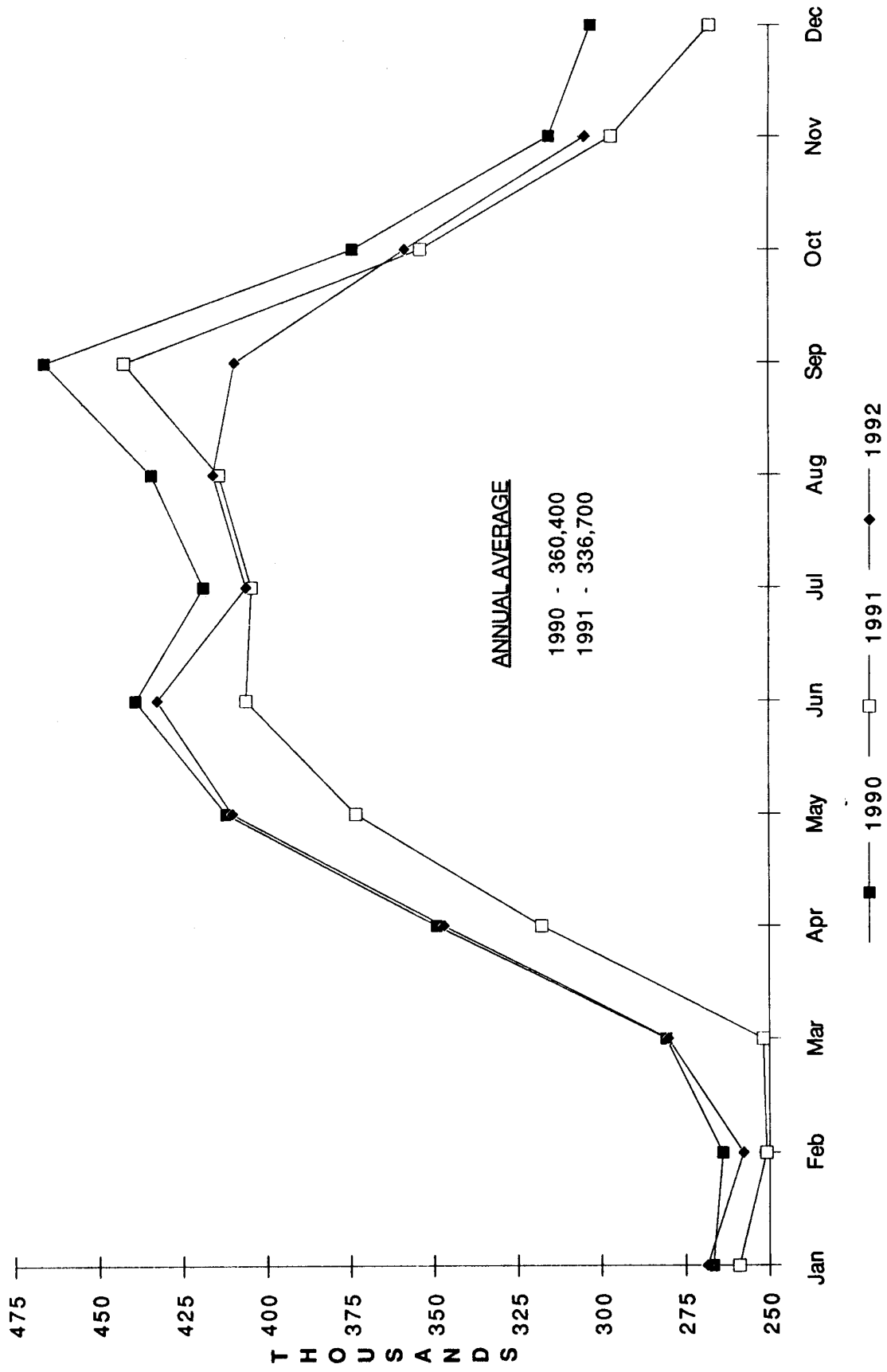


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	304.7	358.6	296.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	168.6	206.7	168.0
CASH GRAINS	3.4	4.2	2.6
RICE	1.4	2.0	1.4
OTHER CASH GRAINS	2.0	2.2	1.2
FIELD CROPS EXCEPT CASH GRAINS	11.0	12.4	11.8
COTTON	6.8	6.8	7.2
OTHER FIELD CROPS	4.2	5.6	4.6
VEGETABLES AND MELONS	27.2	31.6	27.4
TOTAL FRUITS AND TREE NUTS	66.2	93.7	65.7
BERRIES	11.6	21.0	10.5
GRAPES	18.8	33.4	20.3
TREE NUTS	8.7	10.0	8.9
CITRUS FRUITS	6.6	6.0	5.8
DECIDUOUS TREE FRUIT	9.8	10.7	10.3
OTHER FRUITS AND NUTS	10.7	12.6	9.9
TOTAL HORTICULTURAL SPECIALTIES	35.8	36.5	33.1
ORNAMENTAL FLORAL & NURSERY	32.3	33.0	29.9
FOOD CROPS GROWN UNDER COVER	3.5	3.5	3.2
GENERAL FARM PRIMARILY CROP	25.0	28.3	27.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.3	25.7	26.9
BEEF CATTLE FEED LOTS	0.7	0.7	0.8
BEEF CATTLE EXCEPT FEED LOTS	4.1	4.2	4.1
DAIRY FARMS	12.9	13.1	12.9
CHICKEN EGGS	2.6	2.7	3.2
TURKEYS & TURKEY EGGS	1.1	1.0	1.4
OTHER LIVESTOCK	3.9	4.0	4.5
TOTAL AGRICULTURAL SERVICES	110.8	126.2	102.0
SOIL PREPARATION SERVICES	1.2	1.3	1.1
CROP SERVICES	49.5	53.3	46.3
PLANT CULTIVATE & PROTECTION	5.7	6.2	4.9
HARVEST PRIMARILY BY MACHINE	9.6	10.7	7.3
PREPARATION SVCS FOR MARKET	32.3	34.5	31.8
COTTON GINNING	1.9	1.9	2.3
TOTAL FARM LABOR & MANAGEMENT	60.1	71.6	54.6
FARM LABOR CONTRACTORS	54.4	64.2	49.1
FARM MANAGEMENT SERVICES	5.7	7.4	5.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	274.9	329.2	267.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	148.6	188.1	149.5
CASH GRAINS	2.8	3.7	2.2
RICE	1.0	1.7	1.1
OTHER CASH GRAINS	1.8	2.0	1.1
FIELD CROPS EXCEPT CASH GRAINS	10.0	11.4	10.7
COTTON	6.3	6.3	6.6
OTHER FIELD CROPS	3.7	5.1	4.1
VEGETABLES AND MELONS	24.6	29.0	24.8
TOTAL FRUITS AND TREE NUTS	59.8	87.0	60.2
BERRIES	11.1	20.6	10.2
GRAPES	16.3	30.5	18.4
TREE NUTS	7.6	8.9	8.1
CITRUS FRUITS	6.1	5.4	5.2
DECIDUOUS TREE FRUIT	8.8	9.7	9.1
OTHER FRUITS AND NUTS	9.9	11.9	9.2
TOTAL HORTICULTURAL SPECIALTIES	29.2	31.2	26.6
ORNAMENTAL FLORAL & NURSERY	26.1	28.2	23.8
FOOD CROPS GROWN UNDER COVER	3.1	3.0	2.8
GENERAL FARM PRIMARILY CROP	22.2	25.8	25.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.0	22.4	23.0
BEEF CATTLE FEED LOTS	0.5	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.4	3.5	3.4
DAIRY FARMS	12.1	12.3	12.0
CHICKEN EGGS	2.0	2.0	2.4
TURKEYS & TURKEY EGGS	0.8	0.7	0.9
OTHER LIVESTOCK	3.2	3.3	3.7
TOTAL AGRICULTURAL SERVICES	104.3	118.7	95.1
SOIL PREPARATION SERVICES	0.9	1.0	0.8
CROP SERVICES	45.1	48.0	41.4
PLANT CULTIVATE & PROTECTION	4.7	5.2	4.0
HARVEST PRIMARILY BY MACHINE	9.1	10.0	6.6
PREPARATION SVCS FOR MARKET	29.7	31.2	28.9
COTTON GINNING	1.6	1.6	1.9
TOTAL FARM LABOR & MANAGEMENT	58.3	69.7	52.9
FARM LABOR CONTRACTORS	53.4	63.2	48.4
FARM MANAGEMENT SERVICES	4.9	6.5	4.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	275.11	272.08	273.77
TOTAL AGRICULTURAL PRODUCTION/CROPS	286.21	282.32	279.18
CASH GRAINS	333.54	385.17	330.08
RICE	295.11	431.65	374.56
OTHER CASH GRAINS	356.45	345.40	284.65
FIELD CROPS EXCEPT CASH GRAINS	319.28	363.59	349.13
COTTON	327.17	394.68	371.67
OTHER FIELD CROPS	304.11	325.13	311.86
VEGETABLES AND MELONS	319.40	318.60	310.55
TOTAL FRUITS AND TREE NUTS	264.58	252.17	251.46
BERRIES	211.23	241.86	221.88
GRAPES	307.94	268.88	263.44
TREE NUTS	248.22	260.33	257.53
CITRUS FRUITS	246.92	249.12	324.85
DECIDUOUS TREE FRUIT	225.81	227.95	227.84
OTHER FRUITS AND NUTS	311.91	241.86	237.60
TOTAL HORTICULTURAL SPECIALTIES	291.07	284.60	293.33
ORNAMENTAL FLORAL & NURSERY	284.96	277.38	289.52
FOOD CROPS GROWN UNDER COVER	346.72	350.84	322.13
GENERAL FARM PRIMARILY CROP	277.76	287.15	263.93
TOTAL AGRIC PRODUCTION/LIVESTOCK	362.00	340.82	337.22
BEEF CATTLE FEED LOTS	354.55	373.52	339.50
BEEF CATTLE EXCEPT FEED LOTS	349.16	340.34	316.44
DAIRY FARMS	382.84	356.48	361.00
CHICKEN EGGS	330.19	297.35	311.70
TURKEYS & TURKEY EGGS	329.57	324.68	348.94
OTHER LIVESTOCK	326.37	309.26	295.29
TOTAL AGRICULTURAL SERVICES	241.92	243.26	250.98
SOIL PREPARATION SERVICES	467.71	436.56	517.64
CROP SERVICES	269.50	270.02	293.53
PLANT CULTIVATE & PROTECTION	295.32	313.01	302.06
HARVEST PRIMARILY BY MACHINE	254.60	259.34	305.98
PREPARATION SVCS FOR MARKET	263.90	262.57	284.52
COTTON GINNING	374.40	351.68	364.61
TOTAL FARM LABOR & MANAGEMENT	217.79	221.49	213.52
FARM LABOR CONTRACTORS	210.59	216.62	207.46
FARM MANAGEMENT SERVICES	292.35	270.40	279.14

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	41.0	41.1	40.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.3	43.5	42.3
CASH GRAINS	51.0	55.5	47.7
RICE	41.8	57.4	51.1
OTHER CASH GRAINS	56.4	53.8	44.2
FIELD CROPS EXCEPT CASH GRAINS	49.5	56.9	52.5
COTTON	51.2	59.8	54.9
OTHER FIELD CROPS	46.5	53.3	48.5
VEGETABLES AND MELONS	44.3	45.0	42.6
TOTAL FRUITS AND TREE NUTS	41.6	39.9	39.6
BERRIES	32.8	39.2	35.5
GRAPES	42.3	39.6	37.0
TREE NUTS	43.7	43.9	45.5
CITRUS FRUITS	34.2	34.6	44.5
DECIDUOUS TREE FRUIT	39.0	39.1	41.5
OTHER FRUITS AND NUTS	55.5	41.7	39.6
TOTAL HORTICULTURAL SPECIALTIES	41.7	42.1	43.2
ORNAMENTAL FLORAL & NURSERY	41.6	41.9	43.8
FOOD CROPS GROWN UNDER COVER	42.7	43.8	37.5
GENERAL FARM PRIMARILY CROP	44.8	47.7	42.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.0	47.6	47.9
BEEF CATTLE FEED LOTS	56.1	57.2	50.9
BEEF CATTLE EXCEPT FEED LOTS	47.7	48.9	47.8
DAIRY FARMS	52.3	48.9	50.0
CHICKEN EGGS	48.7	43.6	48.4
TURKEYS & TURKEY EGGS	52.9	52.2	56.1
OTHER LIVESTOCK	43.0	41.4	38.6
TOTAL AGRICULTURAL SERVICES	36.0	36.2	36.8
SOIL PREPARATION SERVICES	52.2	51.0	53.2
CROP SERVICES	39.4	38.3	40.1
PLANT CULTIVATE & PROTECTION	40.4	43.9	43.4
HARVEST PRIMARILY BY MACHINE	33.5	33.9	41.8
PREPARATION SVCS FOR MARKET	40.6	38.5	38.5
COTTON GINNING	46.8	44.8	50.5
TOTAL FARM LABOR & MANAGEMENT	33.2	34.5	34.0
FARM LABOR CONTRACTORS	32.2	33.9	33.3
FARM MANAGEMENT SERVICES	43.7	40.6	41.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	6.71	6.62	6.71
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.61	6.49	6.60
CASH GRAINS	6.54	6.94	6.92
RICE	7.06	7.52	7.33
OTHER CASH GRAINS	6.32	6.42	6.44
FIELD CROPS EXCEPT CASH GRAINS	6.45	6.39	6.65
COTTON	6.39	6.60	6.77
OTHER FIELD CROPS	6.54	6.10	6.43
VEGETABLES AND MELONS	7.21	7.08	7.29
TOTAL FRUITS AND TREE NUTS	6.36	6.32	6.35
BERRIES	6.44	6.17	6.25
GRAPES	7.28	6.79	7.12
TREE NUTS	5.68	5.93	5.66
CITRUS FRUITS	7.22	7.20	7.30
DECIDUOUS TREE FRUIT	5.79	5.83	5.49
OTHER FRUITS AND NUTS	5.62	5.80	6.00
TOTAL HORTICULTURAL SPECIALTIES	6.98	6.76	6.79
ORNAMENTAL FLORAL & NURSERY	6.85	6.62	6.61
FOOD CROPS GROWN UNDER COVER	8.12	8.01	8.59
GENERAL FARM PRIMARILY CROP	6.20	6.02	6.21
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.24	7.16	7.04
BEEF CATTLE FEED LOTS	6.32	6.53	6.67
BEEF CATTLE EXCEPT FEED LOTS	7.32	6.96	6.62
DAIRY FARMS	7.32	7.29	7.22
CHICKEN EGGS	6.78	6.82	6.44
TURKEYS & TURKEY EGGS	6.23	6.22	6.22
OTHER LIVESTOCK	7.59	7.47	7.65
TOTAL AGRICULTURAL SERVICES	6.72	6.72	6.82
SOIL PREPARATION SERVICES	8.96	8.56	9.73
CROP SERVICES	6.84	7.05	7.32
PLANT CULTIVATE & PROTECTION	7.31	7.13	6.96
HARVEST PRIMARILY BY MACHINE	7.60	7.65	7.32
PREPARATION SVCS FOR MARKET	6.50	6.82	7.39
COTTON GINNING	8.00	7.85	7.22
TOTAL FARM LABOR & MANAGEMENT	6.56	6.42	6.28
FARM LABOR CONTRACTORS	6.54	6.39	6.23
FARM MANAGEMENT SERVICES	6.69	6.66	6.71

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employment

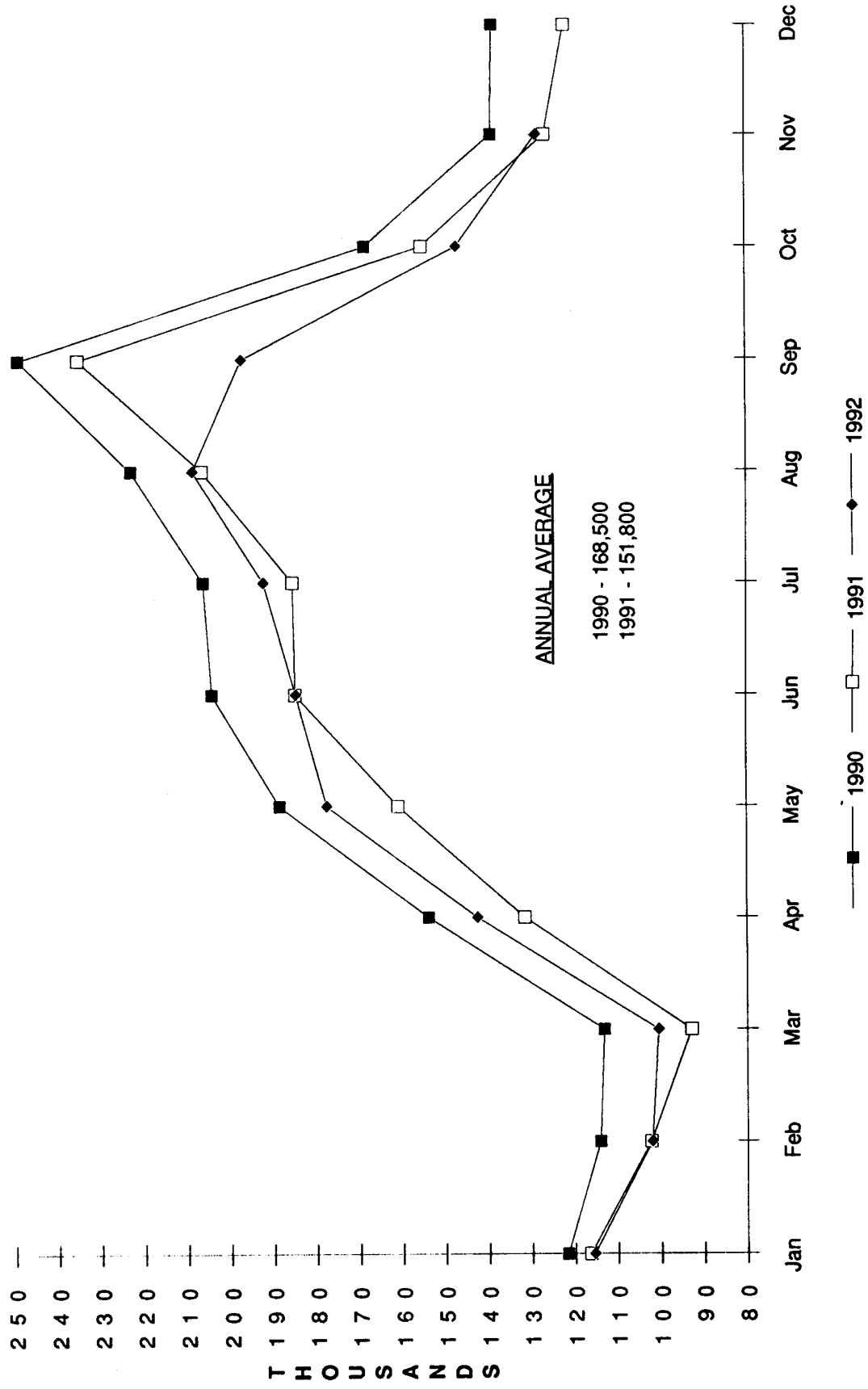


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	128.5	147.2	126.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	63.6	74.5	65.1
TOTAL FIELD CROPS	9.2	10.1	9.9
COTTON	6.8	6.7	7.0
OTHER FIELD CROPS	2.4	3.4	2.9
VEGETABLES AND MELONS	4.3	3.1	4.4
TOTAL FRUITS AND TREE NUTS	32.1	43.8	32.3
GRAPES	12.5	22.4	12.5
TREE NUTS	5.8	6.5	5.8
CITRUS FRUITS	3.7	2.8	3.4
DECIDUOUS TREE FRUIT	4.8	5.1	5.5
OTHER FRUITS AND NUTS	5.3	7.0	5.1
HORTICULTURAL SPECIALTIES	4.9	2.9	4.1
GENERAL FARM PRIMARILY CROP	13.1	14.6	14.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.7	13.8	13.7
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.7	1.6	1.6
DAIRY FARMS	8.5	8.7	8.3
POULTRY & EGGS	2.0	2.0	2.3
OTHER LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	51.2	58.9	47.7
CROP SERVICES	23.7	26.3	22.1
PLANT CULTIVATE & PROTECTION	3.9	4.2	3.0
HARVEST PRIMARILY BY MACHINE	2.7	3.2	2.0
PREPARATION SVCS FOR MARKET	15.2	17.0	15.0
COTTON GINNING	1.9	1.9	2.1
TOTAL FARM LABOR & MANAGEMENT	27.5	32.6	25.6
FARM LABOR CONTRACTORS	25.3	29.7	22.9
FARM MANAGEMENT SERVICES	2.2	2.9	2.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	117.2	136.3	115.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	57.1	69.3	58.8
TOTAL FIELD CROPS	8.5	9.5	8.9
COTTON	6.3	6.3	6.4
OTHER FIELD CROPS	2.2	3.2	2.5
VEGETABLES AND MELONS	3.9	2.8	4.1
TOTAL FRUITS AND TREE NUTS	29.6	41.2	29.9
GRAPES	11.7	21.4	11.9
TREE NUTS	5.1	5.8	5.2
CITRUS FRUITS	3.5	2.6	3.1
DECIDUOUS TREE FRUIT	4.4	4.7	4.9
OTHER FRUITS AND NUTS	4.9	6.7	4.8
HORTICULTURAL SPECIALTIES	3.5	2.5	2.9
GENERAL FARM PRIMARILY CROP	11.6	13.3	13.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.4	12.4	12.3
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.4	1.3	1.4
DAIRY FARMS	8.0	8.1	7.7
POULTRY & EGGS	1.8	1.8	2.0
OTHER LIVESTOCK	1.0	1.0	1.0
TOTAL AGRICULTURAL SERVICES	47.7	54.6	44.2
CROP SERVICES	21.0	22.9	19.4
PLANT CULTIVATE & PROTECTION	3.3	3.6	2.4
HARVEST PRIMARILY BY MACHINE	2.3	2.5	1.8
PREPARATION SVCS FOR MARKET	13.8	15.2	13.4
COTTON GINNING	1.6	1.6	1.8
TOTAL FARM LABOR & MANAGEMENT	26.7	31.7	24.8
FARM LABOR CONTRACTORS	24.8	29.2	22.5
FARM MANAGEMENT SERVICES	1.9	2.5	2.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	275.88	266.68	268.21
TOTAL AGRICULTURAL PRODUCTION/CROPS	295.68	278.93	276.68
TOTAL FIELD CROPS	335.92	385.24	374.26
COTTON	328.19	395.88	372.77
OTHER FIELD CROPS	358.73	364.80	376.77
VEGETABLES AND MELONS	374.21	286.53	258.84
TOTAL FRUITS AND TREE NUTS	279.59	252.80	251.91
GRAPES	312.02	270.60	267.52
TREE NUTS	228.97	247.66	258.78
CITRUS FRUITS	239.38	248.85	254.02
DECIDUOUS TREE FRUIT	216.29	208.94	225.96
OTHER FRUITS AND NUTS	340.38	231.28	230.63
HORTICULTURAL SPECIALTIES	296.74	270.51	304.68
GENERAL FARM PRIMARILY CROP	282.44	284.70	265.68
TOTAL AGRIC PRODUCTION/LIVESTOCK	370.17	348.00	336.53
BEEF CATTLE FEED LOTS	331.93	410.71	354.64
BEEF CATTLE EXCEPT FEED LOTS	392.20	380.86	325.01
DAIRY FARMS	376.10	350.40	346.50
POULTRY & EGGS	349.10	322.90	315.75
OTHER LIVESTOCK	333.75	321.18	315.33
TOTAL AGRICULTURAL SERVICES	227.24	233.31	237.63
CROP SERVICES	259.99	266.74	267.59
PLANT CULTIVATE & PROTECTION	304.76	336.35	348.62
HARVEST PRIMARILY BY MACHINE	243.00	293.81	373.73
PREPARATION SVCS FOR MARKET	236.74	234.55	225.95
COTTON GINNING	392.62	373.49	368.43
TOTAL FARM LABOR & MANAGEMENT	200.91	209.05	214.07
FARM LABOR CONTRACTORS	195.31	205.37	207.16
FARM MANAGEMENT SERVICES	275.63	251.12	284.91

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	41.8	41.8	41.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.7	44.7	42.5
TOTAL FIELD CROPS	51.6	60.1	55.2
COTTON	51.2	59.8	54.9
OTHER FIELD CROPS	52.6	60.8	55.9
VEGETABLES AND MELONS	50.5	48.4	36.0
TOTAL FRUITS AND TREE NUTS	44.1	40.0	39.3
GRAPES	43.7	41.0	38.0
TREE NUTS	40.1	42.7	45.4
CITRUS FRUITS	35.1	35.0	33.6
DECIDUOUS TREE FRUIT	37.1	35.9	42.0
OTHER FRUITS AND NUTS	40.8	39.2	36.9
HORTICULTURAL SPECIALTIES	39.2	38.7	42.2
GENERAL FARM PRIMARILY CROP	46.0	48.5	43.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.5	48.2	47.6
BEEF CATTLE FEED LOTS	55.6	61.3	52.0
BEEF CATTLE EXCEPT FEED LOTS	53.0	54.8	48.8
DAIRY FARMS	51.1	48.0	49.5
POULTRY & EGGS	46.3	44.6	42.1
OTHER LIVESTOCK	48.3	45.3	41.6
TOTAL AGRICULTURAL SERVICES	34.8	36.8	37.6
CROP SERVICES	37.9	39.4	40.3
PLANT CULTIVATE & PROTECTION	40.1	43.4	45.1
HARVEST PRIMARILY BY MACHINE	30.0	35.7	49.5
PREPARATION SVCS FOR MARKET	37.4	38.2	36.8
COTTON GINNING	49.2	47.7	51.1
TOTAL FARM LABOR & MANAGEMENT	32.3	34.9	35.5
FARM LABOR CONTRACTORS	31.4	34.4	34.7
FARM MANAGEMENT SERVICES	44.1	40.7	43.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	6.60	6.38	6.51
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.47	6.24	6.51
TOTAL FIELD CROPS	6.51	6.41	6.78
COTTON	6.41	6.62	6.79
OTHER FIELD CROPS	6.82	6.00	6.74
VEGETABLES AND MELONS	7.41	5.92	7.19
TOTAL FRUITS AND TREE NUTS	6.34	6.32	6.41
GRAPES	7.14	6.60	7.04
TREE NUTS	5.71	5.80	5.70
CITRUS FRUITS	6.82	7.11	7.56
DECIDUOUS TREE FRUIT	5.83	5.82	5.38
OTHER FRUITS AND NUTS	5.95	5.90	6.25
HORTICULTURAL SPECIALTIES	7.57	6.99	7.22
GENERAL FARM PRIMARILY CROP	6.14	5.87	6.15
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.33	7.22	7.07
BEEF CATTLE FEED LOTS	5.97	6.70	6.82
BEEF CATTLE EXCEPT FEED LOTS	7.40	6.95	6.66
DAIRY FARMS	7.36	7.30	7.00
POULTRY & EGGS	7.54	7.24	7.50
OTHER LIVESTOCK	6.91	7.09	7.58
TOTAL AGRICULTURAL SERVICES	6.53	6.34	6.32
CROP SERVICES	6.86	6.77	6.64
PLANT CULTIVATE & PROTECTION	7.60	7.75	7.73
HARVEST PRIMARILY BY MACHINE	8.10	8.23	7.55
PREPARATION SVCS FOR MARKET	6.33	6.14	6.14
COTTON GINNING	7.98	7.83	7.21
TOTAL FARM LABOR & MANAGEMENT	6.22	5.99	6.03
FARM LABOR CONTRACTORS	6.22	5.97	5.97
FARM MANAGEMENT SERVICES	6.25	6.17	6.49

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

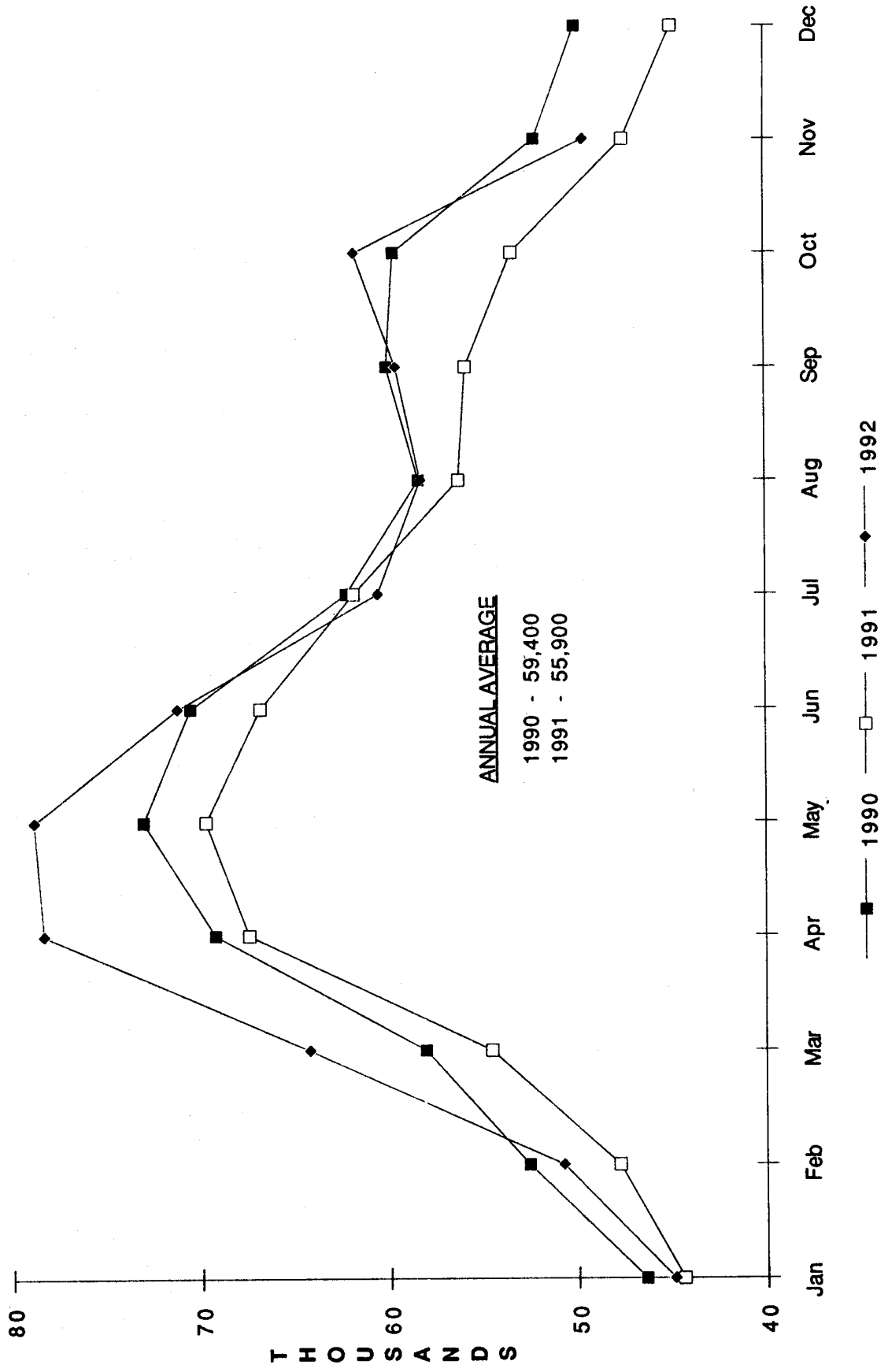


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	49.6	61.8	47.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	34.3	41.4	34.7
VEGETABLES AND MELONS	7.9	8.5	7.8
TOTAL FRUITS AND TREE NUTS	8.7	14.6	8.9
BERRIES	4.7	9.7	4.7
GRAPES	0.9	1.7	0.8
CITRUS FRUITS	1.6	1.8	1.7
OTHER FRUITS AND NUTS	1.5	1.4	1.7
TOTAL HORTICULTURAL SPECIALTIES	14.9	15.1	14.9
ORNAMENTAL FLORAL & NURSERY	14.1	14.3	14.1
FOOD CROPS GROWN UNDER COVER	0.8	0.8	0.8
GENERAL FARM PRIMARILY CROP	2.8	3.2	3.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.1	2.3
TOTAL AGRICULTURAL SERVICES	13.2	18.3	10.5
CROP SERVICES	5.3	6.6	3.8
HARVEST PRIMARILY BY MACHINE	2.2	2.7	1.7
PREPARATION SVCS FOR MARKET	3.1	3.9	2.1
TOTAL FARM LABOR & MANAGEMENT	7.9	11.7	6.7
FARM LABOR CONTRACTORS	6.8	10.4	5.8
FARM MANAGEMENT SERVICES	1.1	1.3	0.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	43.7	56.2	41.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	29.8	37.1	29.9
VEGETABLES AND MELONS	7.2	7.9	7.1
TOTAL FRUITS AND TREE NUTS	7.9	13.8	8.1
BERRIES	4.5	9.5	4.5
GRAPES	0.8	1.6	0.6
CITRUS FRUITS	1.2	1.4	1.4
OTHER FRUITS AND NUTS	1.4	1.3	1.6
TOTAL HORTICULTURAL SPECIALTIES	12.2	12.5	11.9
ORNAMENTAL FLORAL & NURSERY	11.6	11.8	11.3
FOOD CROPS GROWN UNDER COVER	0.6	0.7	0.6
GENERAL FARM PRIMARILY CROP	2.5	2.9	2.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.8
TOTAL AGRICULTURAL SERVICES	12.2	17.4	9.5
CROP SERVICES	5.0	6.1	3.3
HARVEST PRIMARILY BY MACHINE	2.1	2.7	1.5
PREPARATION SVCS FOR MARKET	2.9	3.4	1.8
TOTAL FARM LABOR & MANAGEMENT	7.2	11.3	6.2
FARM LABOR CONTRACTORS	6.3	10.1	5.5
FARM MANAGEMENT SERVICES	0.9	1.2	0.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	276.45	255.96	279.19
TOTAL AGRICULTURAL PRODUCTION/CROPS	272.99	254.78	276.02
VEGETABLES AND MELONS	291.47	291.66	286.12
TOTAL FRUITS AND TREE NUTS	238.37	213.08	240.71
BERRIES	201.92	193.67	212.98
GRAPES	279.27	231.71	229.83
CITRUS FRUITS	290.81	275.63	281.14
OTHER FRUITS AND NUTS	285.94	258.08	287.00
TOTAL HORTICULTURAL SPECIALTIES	280.26	276.92	297.87
ORNAMENTAL FLORAL & NURSERY	276.68	274.34	296.78
FOOD CROPS GROWN UNDER COVER	344.46	328.09	318.64
GENERAL FARM PRIMARILY CROP	295.81	259.65	261.46
TOTAL AGRIC PRODUCTION/LIVESTOCK	326.80	294.71	305.10
TOTAL AGRICULTURAL SERVICES	276.21	254.24	283.42
CROP SERVICES	292.32	271.15	331.28
HARVEST PRIMARILY BY MACHINE	296.06	249.36	315.17
PREPARATION SVCS FOR MARKET	289.49	288.20	344.57
TOTAL FARM LABOR & MANAGEMENT	265.44	245.68	258.02
FARM LABOR CONTRACTORS	247.09	231.70	255.82
FARM MANAGEMENT SERVICES	394.24	357.84	273.77

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	41.2	39.5	41.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.3	40.7	42.4
VEGETABLES AND MELONS	42.8	45.5	42.2
TOTAL FRUITS AND TREE NUTS	38.2	36.3	38.7
BERRIES	31.5	33.8	34.8
GRAPES	43.5	37.8	34.1
CITRUS FRUITS	43.6	41.2	45.2
OTHER FRUITS AND NUTS	51.8	46.5	45.7
TOTAL HORTICULTURAL SPECIALTIES	42.4	43.0	45.2
ORNAMENTAL FLORAL & NURSERY	42.5	43.0	45.8
FOOD CROPS GROWN UNDER COVER	40.1	43.0	34.9
GENERAL FARM PRIMARILY CROP	41.9	39.4	41.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.0	39.4	45.2
TOTAL AGRICULTURAL SERVICES	40.5	36.9	37.0
CROP SERVICES	42.0	39.7	40.4
HARVEST PRIMARILY BY MACHINE	38.7	34.3	41.8
PREPARATION SVCS FOR MARKET	44.4	44.0	39.2
TOTAL FARM LABOR & MANAGEMENT	39.5	35.4	35.2
FARM LABOR CONTRACTORS	37.1	33.1	34.9
FARM MANAGEMENT SERVICES	56.4	54.3	37.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	6.71	6.48	6.76
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.61	6.26	6.51
VEGETABLES AND MELONS	6.81	6.41	6.78
TOTAL FRUITS AND TREE NUTS	6.24	5.87	6.22
BERRIES	6.41	5.73	6.12
GRAPES	6.42	6.13	6.74
CITRUS FRUITS	6.67	6.69	6.22
OTHER FRUITS AND NUTS	5.52	5.55	6.28
TOTAL HORTICULTURAL SPECIALTIES	6.61	6.44	6.59
ORNAMENTAL FLORAL & NURSERY	6.51	6.38	6.48
FOOD CROPS GROWN UNDER COVER	8.59	7.63	9.13
GENERAL FARM PRIMARILY CROP	7.06	6.59	6.27
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.60	7.48	6.75
TOTAL AGRICULTURAL SERVICES	6.82	6.89	7.66
CROP SERVICES	6.96	6.83	8.20
HARVEST PRIMARILY BY MACHINE	7.65	7.27	7.54
PREPARATION SVCS FOR MARKET	6.52	6.55	8.79
TOTAL FARM LABOR & MANAGEMENT	6.72	6.94	7.33
FARM LABOR CONTRACTORS	6.66	7.00	7.33
FARM MANAGEMENT SERVICES	6.99	6.59	7.32

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

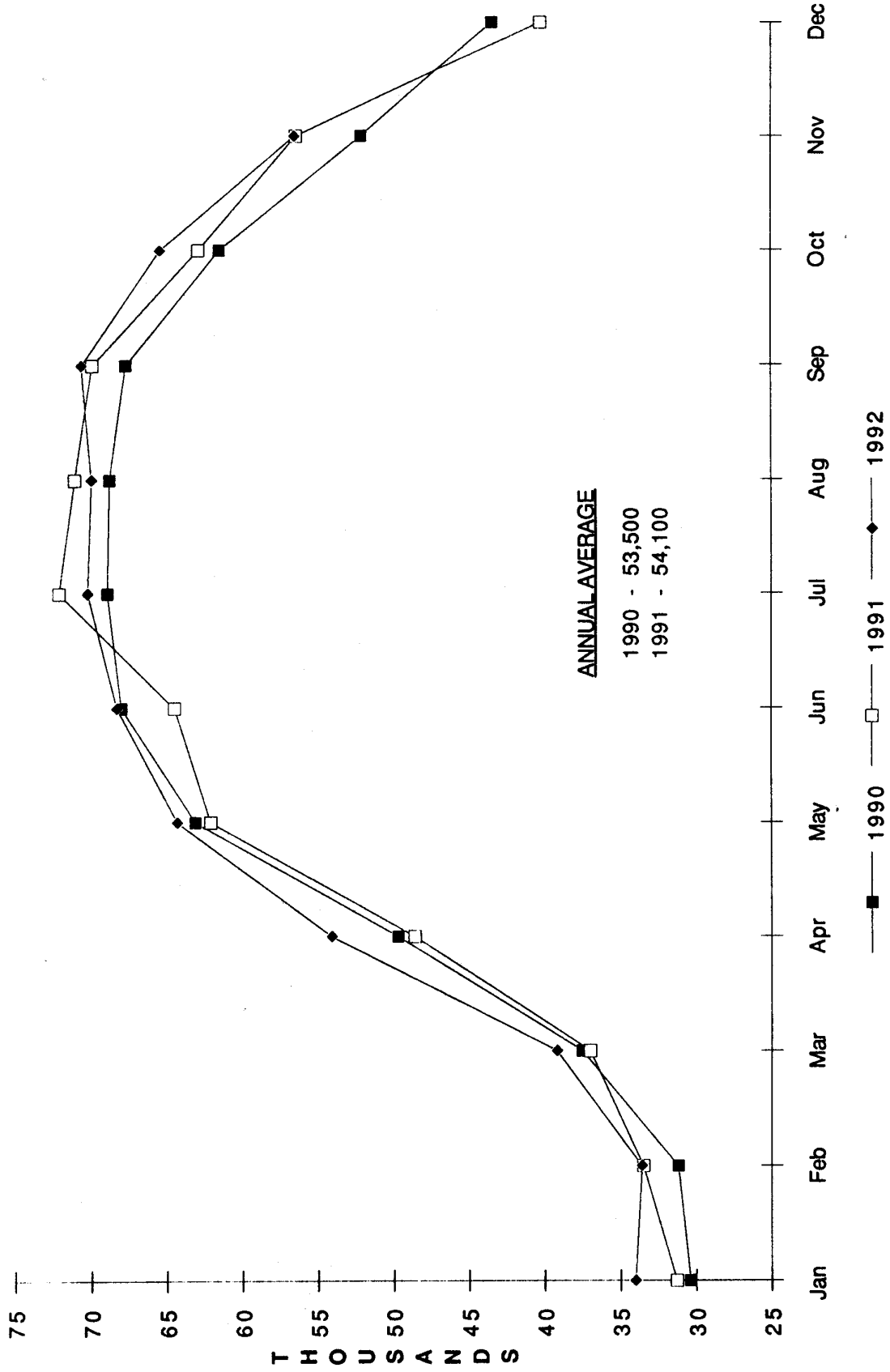


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	56.5	65.4	56.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	33.7	40.7	32.9
VEGETABLES AND MELONS	10.3	13.9	11.3
TOTAL FRUITS AND TREE NUTS	9.6	13.1	8.3
BERRIES	7.4	10.6	5.7
GRAPES	0.5	0.8	0.9
DECIDUOUS TREE FRUIT	0.9	1.0	1.0
OTHER FRUITS AND NUTS	0.8	0.7	0.7
TOTAL HORTICULTURAL SPECIALTIES	10.3	10.0	9.9
ORNAMENTAL FLORAL & NURSERY	8.1	7.9	7.9
FOOD CROPS GROWN UNDER COVER	2.2	2.1	2.0
GENERAL FARM PRIMARILY CROP	3.5	3.7	3.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	21.8	23.7	22.4
CROP SERVICES	12.0	12.1	13.2
HARVEST PRIMARILY BY MACHINE	3.4	3.6	3.5
PREPARATION SVCS FOR MARKET	8.6	8.5	9.7
TOTAL FARM LABOR & MANAGEMENT	9.8	11.6	9.2
FARM LABOR CONTRACTORS	9.4	11.1	8.8
FARM MANAGEMENT SERVICES	0.4	0.5	0.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	51.7	60.4	50.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	30.0	36.8	28.9
VEGETABLES AND MELONS	9.2	12.7	9.8
TOTAL FRUITS AND TREE NUTS	8.9	12.3	7.7
BERRIES	7.1	10.3	5.5
GRAPES	0.4	0.7	0.7
DECIDUOUS TREE FRUIT	0.7	0.8	0.8
OTHER FRUITS AND NUTS	0.7	0.5	0.7
TOTAL HORTICULTURAL SPECIALTIES	8.6	8.4	8.2
ORNAMENTAL FLORAL & NURSERY	6.7	6.5	6.5
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.7
GENERAL FARM PRIMARILY CROP	3.3	3.4	3.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.7	0.7	0.9
TOTAL AGRICULTURAL SERVICES	21.0	22.9	21.1
CROP SERVICES	11.2	11.3	12.2
HARVEST PRIMARILY BY MACHINE	3.2	3.4	3.1
PREPARATION SVCS FOR MARKET	8.0	7.9	9.1
TOTAL FARM LABOR & MANAGEMENT	9.8	11.6	8.9
FARM LABOR CONTRACTORS	9.4	11.1	8.7
FARM MANAGEMENT SERVICES	0.4	0.5	0.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	299.54	320.68	303.00
TOTAL AGRICULTURAL PRODUCTION/CROPS	294.82	320.95	299.59
VEGETABLES AND MELONS	335.98	340.67	349.33
TOTAL FRUITS AND TREE NUTS	228.01	303.08	252.88
BERRIES	208.86	293.26	227.25
GRAPES	451.28	418.08	295.80
DECIDUOUS TREE FRUIT	302.42	359.94	239.67
OTHER FRUITS AND NUTS	231.53	267.54	432.90
TOTAL HORTICULTURAL SPECIALTIES	316.75	332.24	304.56
ORNAMENTAL FLORAL & NURSERY	303.65	318.09	286.23
FOOD CROPS GROWN UNDER COVER	364.67	380.92	375.20
GENERAL FARM PRIMARILY CROP	305.31	280.11	249.48
TOTAL AGRIC PRODUCTION/LIVESTOCK	316.26	324.02	317.86
TOTAL AGRICULTURAL SERVICES	306.56	319.14	306.75
CROP SERVICES	327.08	321.63	338.89
HARVEST PRIMARILY BY MACHINE	322.92	320.17	311.45
PREPARATION SVCS FOR MARKET	328.42	322.70	348.59
TOTAL FARM LABOR & MANAGEMENT	282.95	316.35	262.31
FARM LABOR CONTRACTORS	276.18	314.58	260.16
FARM MANAGEMENT SERVICES	450.70	355.80	347.21

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	38.8	42.7	40.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.7	44.7	41.9
VEGETABLES AND MELONS	44.5	44.3	44.5
TOTAL FRUITS AND TREE NUTS	34.6	44.9	38.2
BERRIES	33.1	44.5	35.9
GRAPES	44.2	48.0	36.7
DECIDUOUS TREE FRUIT	47.7	52.7	40.9
OTHER FRUITS AND NUTS	31.5	36.8	55.5
TOTAL HORTICULTURAL SPECIALTIES	44.3	45.7	43.2
ORNAMENTAL FLORAL & NURSERY	44.2	46.1	43.5
FOOD CROPS GROWN UNDER COVER	44.8	44.5	42.3
GENERAL FARM PRIMARILY CROP	46.4	42.7	39.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	42.0	42.3	42.1
TOTAL AGRICULTURAL SERVICES	34.6	39.4	38.2
CROP SERVICES	37.0	36.8	40.2
HARVEST PRIMARILY BY MACHINE	41.4	41.1	42.9
PREPARATION SVCS FOR MARKET	35.2	35.0	39.3
TOTAL FARM LABOR & MANAGEMENT	31.9	41.9	35.4
FARM LABOR CONTRACTORS	31.6	42.0	35.3
FARM MANAGEMENT SERVICES	39.5	38.8	39.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	7.72	7.51	7.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.07	7.18	7.15
VEGETABLES AND MELONS	7.55	7.69	7.85
TOTAL FRUITS AND TREE NUTS	6.59	6.75	6.62
BERRIES	6.31	6.59	6.33
GRAPES	10.21	8.71	8.06
DECIDUOUS TREE FRUIT	6.34	6.83	5.86
OTHER FRUITS AND NUTS	7.35	7.27	7.80
TOTAL HORTICULTURAL SPECIALTIES	7.15	7.27	7.05
ORNAMENTAL FLORAL & NURSERY	6.87	6.90	6.58
FOOD CROPS GROWN UNDER COVER	8.14	8.56	8.87
GENERAL FARM PRIMARILY CROP	6.58	6.56	6.30
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.53	7.66	7.55
TOTAL AGRICULTURAL SERVICES	8.86	8.10	8.03
CROP SERVICES	8.84	8.74	8.43
HARVEST PRIMARILY BY MACHINE	7.80	7.79	7.26
PREPARATION SVCS FOR MARKET	9.33	9.22	8.87
TOTAL FARM LABOR & MANAGEMENT	8.81	7.55	7.41
FARM LABOR CONTRACTORS	8.74	7.49	7.37
FARM MANAGEMENT SERVICES	9.37	9.17	8.79

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment

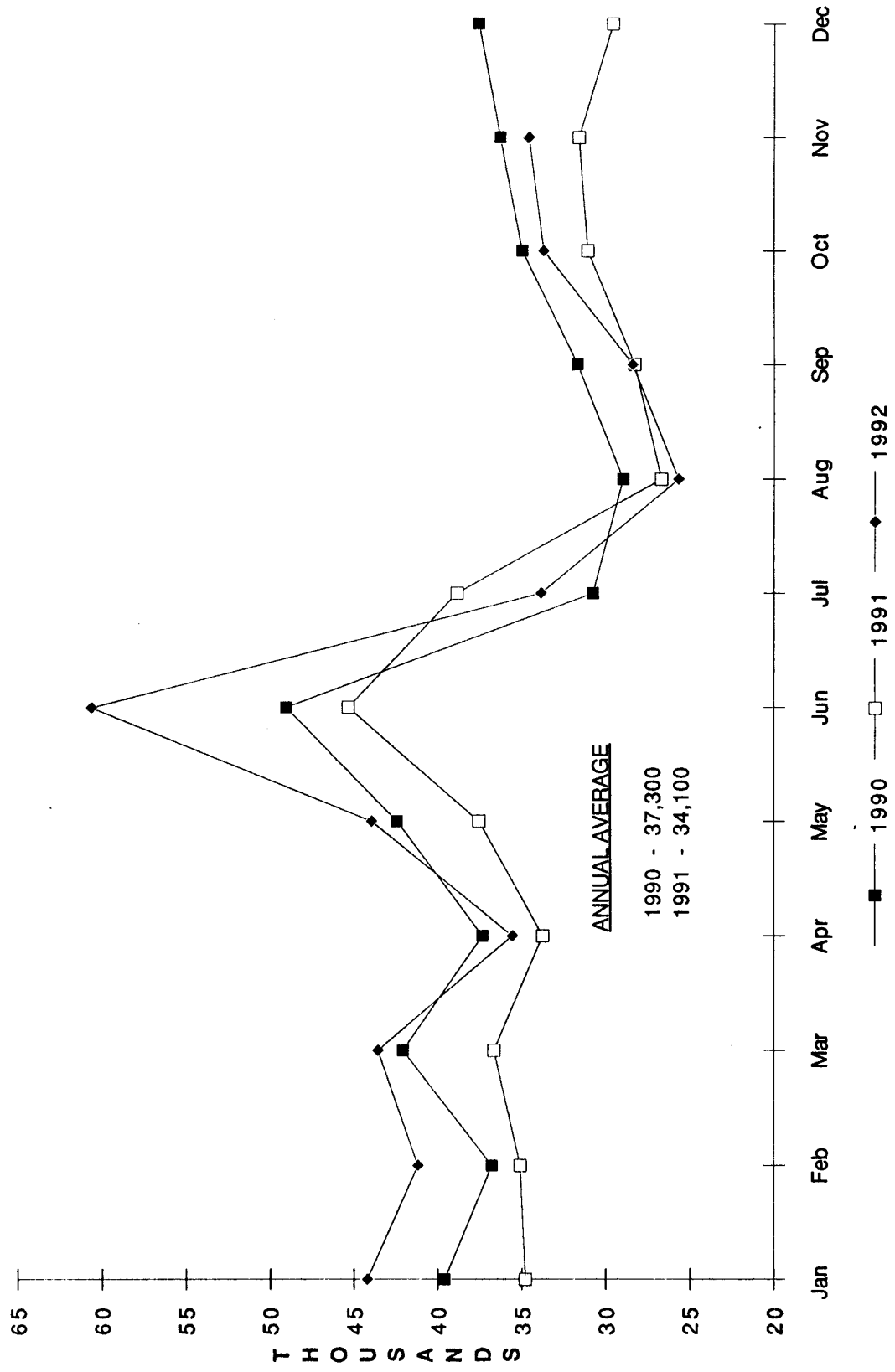


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	34.6	33.7	31.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.4	11.5	11.5
FIELD CROPS	1.3	1.4	1.5
VEGETABLES AND MELONS	2.4	2.1	2.6
TOTAL FRUITS AND TREE NUTS	4.2	4.8	3.2
GRAPES	0.5	0.6	1.0
CITRUS FRUITS	1.1	1.3	0.6
OTHER FRUITS AND NUTS	2.6	2.9	1.6
HORTICULTURAL SPECIALTIES	1.1	0.8	1.1
GENERAL FARM PRIMARILY CROP	2.4	2.4	3.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.9	5.1	5.4
DAIRY FARMS	2.4	2.5	2.5
CHICKEN EGGS	1.2	1.2	1.3
OTHER LIVESTOCK	1.3	1.4	1.6
TOTAL AGRICULTURAL SERVICES	18.3	17.1	14.7
CROP SERVICES	5.7	5.8	4.5
PLANT CULTIVATE & PROTECTION	1.4	1.3	1.1
HARVEST PRIMARILY BY MACHINE	1.5	1.5	1.0
PREPARATION SVCS FOR MARKET	2.8	3.0	2.4
TOTAL FARM LABOR & MANAGEMENT	12.6	11.3	10.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	32.4	31.5	29.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.4	10.5	10.3
FIELD CROPS	1.2	1.2	1.3
VEGETABLES AND MELONS	2.3	2.0	2.5
TOTAL FRUITS AND TREE NUTS	3.8	4.5	2.8
GRAPES	0.4	0.5	0.8
CITRUS FRUITS	1.1	1.3	0.6
OTHER FRUITS AND NUTS	2.3	2.7	1.4
HORTICULTURAL SPECIALTIES	1.0	0.7	0.9
GENERAL FARM PRIMARILY CROP	2.1	2.1	2.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.3	4.5	4.8
DAIRY FARMS	2.3	2.4	2.4
CHICKEN EGGS	0.8	0.9	1.0
OTHER LIVESTOCK	1.2	1.2	1.4
TOTAL AGRICULTURAL SERVICES	17.7	16.5	14.1
CROP SERVICES	5.3	5.3	4.1
PLANT CULTIVATE & PROTECTION	1.2	1.1	1.0
HARVEST PRIMARILY BY MACHINE	1.5	1.4	0.9
PREPARATION SVCS FOR MARKET	2.6	2.8	2.2
TOTAL FARM LABOR & MANAGEMENT	12.4	11.2	10.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	243.76	241.89	248.29
TOTAL AGRICULTURAL PRODUCTION/CROPS	263.55	269.57	265.64
FIELD CROPS	258.15	289.68	269.22
VEGETABLES AND MELONS	241.56	252.35	273.46
TOTAL FRUITS AND TREE NUTS	256.86	246.32	248.26
GRAPES	347.33	380.90	189.73
CITRUS FRUITS	255.20	207.28	311.81
OTHER FRUITS AND NUTS	241.04	239.62	257.09
HORTICULTURAL SPECIALTIES	281.74	273.06	298.37
GENERAL FARM PRIMARILY CROP	293.66	322.92	264.20
TOTAL AGRIC PRODUCTION/LIVESTOCK	410.55	387.89	400.53
DAIRY FARMS	486.92	457.91	485.10
CHICKEN EGGS	312.93	293.26	299.80
OTHER LIVESTOCK	333.49	324.34	322.64
TOTAL AGRICULTURAL SERVICES	190.72	184.18	183.38
CROP SERVICES	203.49	231.58	246.65
PLANT CULTIVATE & PROTECTION	219.24	268.88	246.62
HARVEST PRIMARILY BY MACHINE	123.01	191.52	260.28
PREPARATION SVCS FOR MARKET	241.06	236.78	241.66
TOTAL FARM LABOR & MANAGEMENT	185.12	161.80	157.59

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	36.6	37.1	39.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.1	43.2	44.2
FIELD CROPS	39.9	43.3	45.4
VEGETABLES AND MELONS	44.0	49.0	48.4
TOTAL FRUITS AND TREE NUTS	36.8	36.6	40.9
GRAPES	43.2	47.2	33.7
CITRUS FRUITS	31.9	27.6	44.8
OTHER FRUITS AND NUTS	37.9	38.9	43.5
HORTICULTURAL SPECIALTIES	46.8	42.4	44.8
GENERAL FARM PRIMARILY CROP	48.7	52.0	43.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.0	49.1	50.7
DAIRY FARMS	51.8	50.1	52.5
CHICKEN EGGS	50.8	47.3	49.8
OTHER LIVESTOCK	49.7	48.7	48.3
TOTAL AGRICULTURAL SERVICES	29.8	29.9	31.4
CROP SERVICES	32.3	36.7	38.3
PLANT CULTIVATE & PROTECTION	36.0	46.6	41.8
HARVEST PRIMARILY BY MACHINE	20.4	25.4	36.1
PREPARATION SVCS FOR MARKET	37.2	38.5	37.7
TOTAL FARM LABOR & MANAGEMENT	28.7	26.7	28.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	6.66	6.52	6.35
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.26	6.24	6.01
FIELD CROPS	6.47	6.69	5.93
VEGETABLES AND MELONS	5.49	5.15	5.65
TOTAL FRUITS AND TREE NUTS	6.98	6.73	6.07
GRAPES	8.04	8.07	5.63
CITRUS FRUITS	8.00	7.51	6.96
OTHER FRUITS AND NUTS	6.36	6.16	5.91
HORTICULTURAL SPECIALTIES	6.02	6.44	6.66
GENERAL FARM PRIMARILY CROP	6.03	6.21	6.13
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.05	7.90	7.90
DAIRY FARMS	9.40	9.14	9.24
CHICKEN EGGS	6.16	6.20	6.02
OTHER LIVESTOCK	6.71	6.66	6.68
TOTAL AGRICULTURAL SERVICES	6.40	6.16	5.84
CROP SERVICES	6.30	6.31	6.44
PLANT CULTIVATE & PROTECTION	6.09	5.77	5.90
HARVEST PRIMARILY BY MACHINE	6.03	7.54	7.21
PREPARATION SVCS FOR MARKET	6.48	6.15	6.41
TOTAL FARM LABOR & MANAGEMENT	6.45	6.06	5.51

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

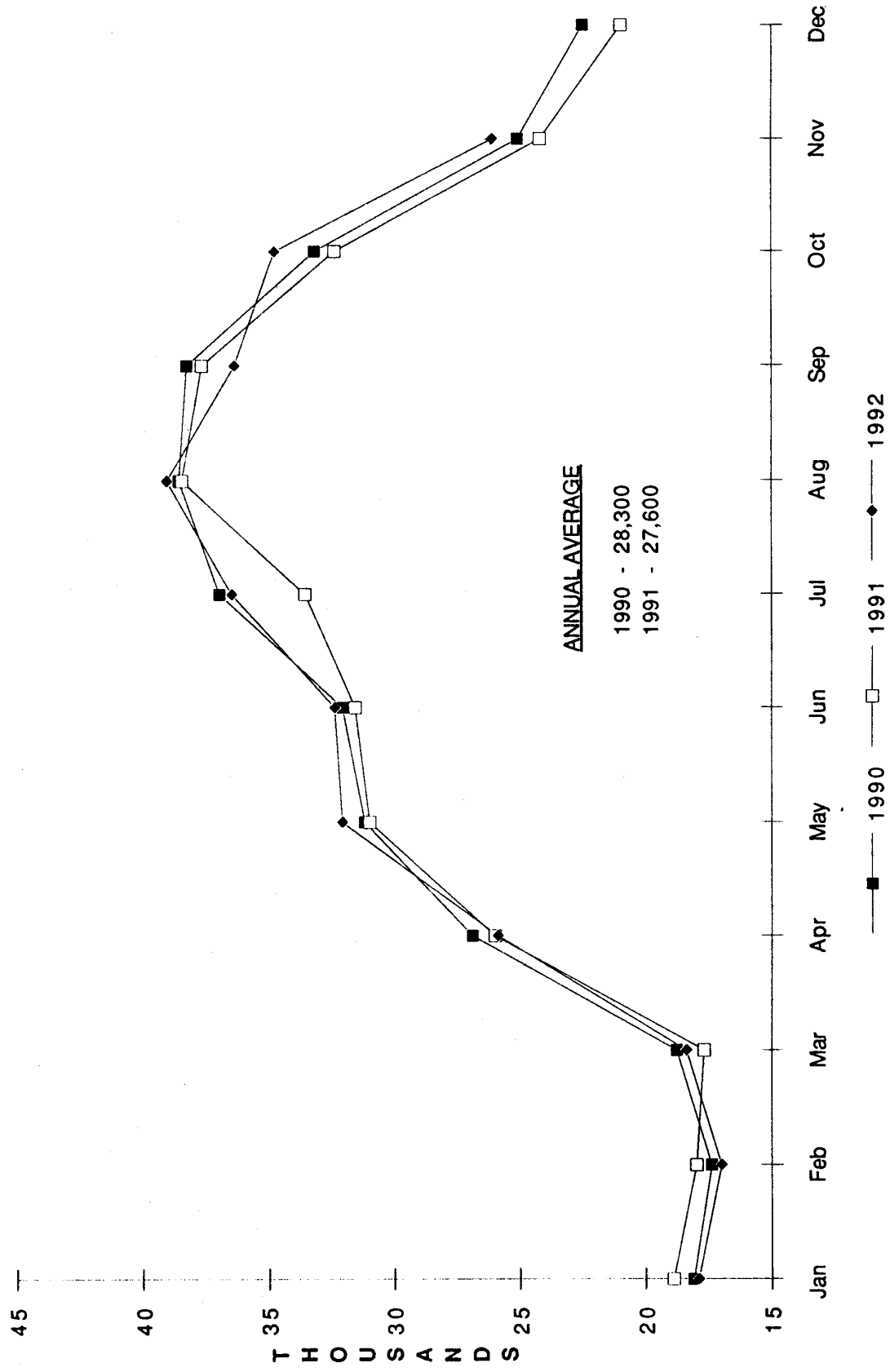


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	26.1	34.8	24.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	19.2	26.8	16.8
RICE	1.2	1.8	1.1
VEGETABLES AND MELONS	2.0	2.4	1.3
TOTAL FRUIT AND TREE NUTS	7.2	8.4	7.1
TREE NUTS	2.4	3.1	2.4
DECIDUOUS TREE FRUIT	3.4	3.8	2.8
OTHER FRUITS AND NUTS	1.4	1.5	1.9
HORTICULTURAL SPECIALTIES	2.9	6.3	2.3
GENERAL FARM PRIMARILY CROP	5.9	7.9	5.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.4	2.5	2.3
TOTAL AGRICULTURAL SERVICES	4.5	5.5	5.1
CROP SERVICES	2.8	2.9	3.3
HARVEST PRIMARILY BY MACHINE	0.7	0.9	0.9
PREPARATION SVCS FOR MARKET	2.1	2.0	2.4
TOTAL FARM LABOR & MANAGEMENT	1.7	2.6	1.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 SACRAMENTO VALLEY REGION
 (IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	22.5	31.5	21.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	16.6	24.5	15.1
RICE	0.9	1.6	0.9
VEGETABLES AND MELONS	1.7	2.0	1.2
TOTAL FRUIT AND TREE NUTS	6.4	7.6	6.6
TREE NUTS	2.1	2.7	2.2
DECIDUOUS TREE FRUIT	3.0	3.4	2.6
OTHER FRUITS AND NUTS	1.3	1.5	1.8
HORTICULTURAL SPECIALTIES	2.5	6.1	2.0
GENERAL FARM PRIMARILY CROP	5.1	7.2	4.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.1	1.9
TOTAL AGRICULTURAL SERVICES	3.9	4.9	4.7
CROP SERVICES	2.3	2.4	2.9
HARVEST PRIMARILY BY MACHINE	0.5	0.6	0.7
PREPARATION SVCS FOR MARKET	1.8	1.8	2.2
TOTAL FARM LABOR & MANAGEMENT	1.6	2.5	1.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	270.27	281.11	281.55
TOTAL AGRICULTURAL PRODUCTION/CROPS	270.09	280.80	271.92
RICE	307.60	439.78	392.36
VEGETABLES AND MELONS	311.83	371.93	411.28
TOTAL FRUIT AND TREE NUTS	254.02	253.21	234.21
TREE NUTS	309.89	298.62	242.97
DECIDUOUS TREE FRUIT	220.38	233.76	224.19
OTHER FRUITS AND NUTS	242.22	216.95	237.89
HORTICULTURAL SPECIALTIES	267.81	232.12	246.09
GENERAL FARM PRIMARILY CROP	269.84	290.75	275.46
TOTAL AGRIC PRODUCTION/LIVESTOCK	329.21	327.91	311.18
TOTAL AGRICULTURAL SERVICES	240.39	260.30	299.72
CROP SERVICES	244.91	267.68	339.53
HARVEST PRIMARILY BY MACHINE	229.35	264.26	275.47
PREPARATION SVCS FOR MARKET	249.78	268.08	357.64
TOTAL FARM LABOR & MANAGEMENT	233.20	253.66	235.33

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	42.9	44.2	44.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.4	44.5	43.3
RICE	41.4	56.6	51.9
VEGETABLES AND MELONS	41.8	55.1	44.9
TOTAL FRUIT AND TREE NUTS	44.8	42.7	42.2
TREE NUTS	53.8	47.4	43.7
DECIDUOUS TREE FRUIT	38.8	41.3	39.4
OTHER FRUITS AND NUTS	44.2	37.6	44.3
HORTICULTURAL SPECIALTIES	35.9	36.1	39.5
GENERAL FARM PRIMARILY CROP	42.9	47.9	44.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.2	47.8	43.4
TOTAL AGRICULTURAL SERVICES	42.1	40.8	47.2
CROP SERVICES	43.5	41.5	50.6
HARVEST PRIMARILY BY MACHINE	33.0	36.5	41.3
PREPARATION SVCS FOR MARKET	46.6	43.1	53.3
TOTAL FARM LABOR & MANAGEMENT	40.0	40.2	41.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	6.30	6.36	6.37
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.37	6.31	6.28
RICE	7.43	7.77	7.56
VEGETABLES AND MELONS	7.46	6.75	9.16
TOTAL FRUIT AND TREE NUTS	5.67	5.93	5.55
TREE NUTS	5.76	6.30	5.56
DECIDUOUS TREE FRUIT	5.68	5.66	5.69
OTHER FRUITS AND NUTS	5.48	5.77	5.37
HORTICULTURAL SPECIALTIES	7.46	6.43	6.23
GENERAL FARM PRIMARILY CROP	6.29	6.07	6.19
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.83	6.86	7.17
TOTAL AGRICULTURAL SERVICES	5.71	6.38	6.35
CROP SERVICES	5.63	6.45	6.71
HARVEST PRIMARILY BY MACHINE	6.95	7.24	6.67
PREPARATION SVCS FOR MARKET	5.36	6.22	6.71
TOTAL FARM LABOR & MANAGEMENT	5.83	6.31	5.63

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

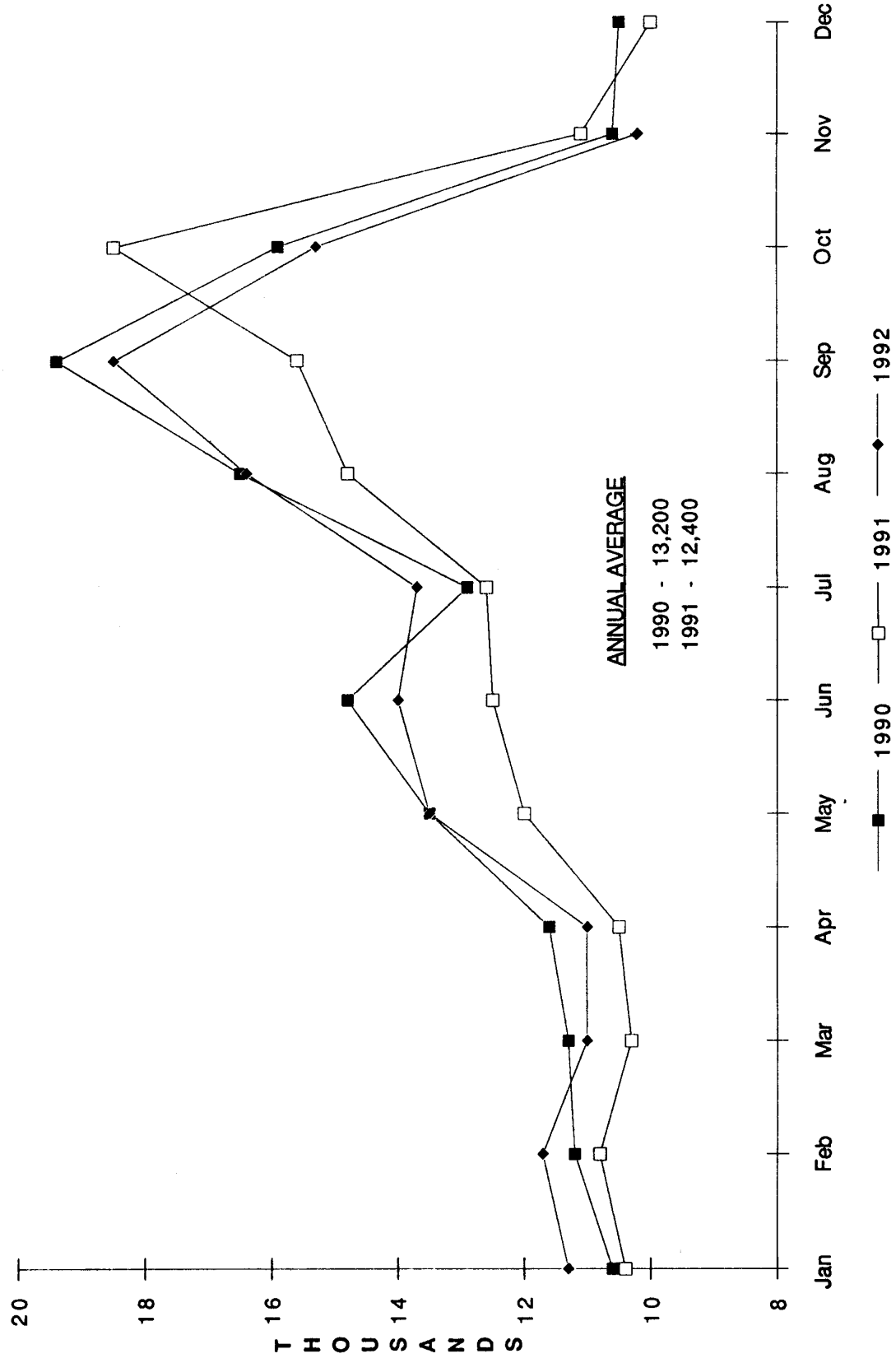


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	10.2	15.3	11.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.3	11.4	7.6
TOTAL FRUITS AND TREE NUTS	5.7	9.4	6.1
GRAPES	4.7	8.0	5.0
OTHER FRUITS AND NUTS	1.0	1.4	1.1
TOTAL HORTICULTURAL SPECIALTIES	0.9	1.1	1.0
GENERAL FARM PRIMARILY CROP (2)	0.7	0.9	0.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.8	1.9
TOTAL AGRICULTURAL SERVICES	1.1	2.1	1.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

(2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	7.3	12.3	8.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.0	8.9	5.7
TOTAL FRUITS AND TREE NUTS	3.6	7.2	4.5
GRAPES	2.7	5.9	3.5
OTHER FRUITS AND NUTS	0.9	1.3	1.0
TOTAL HORTICULTURAL SPECIALTIES	0.7	0.8	0.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.6	1.7
TOTAL AGRICULTURAL SERVICES	0.8	1.8	1.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	292.70	264.98	272.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	268.58	255.54	248.08
TOTAL FRUITS AND TREE NUTS	265.48	249.68	255.94
GRAPES	276.15	246.58	272.90
OTHER FRUITS AND NUTS	235.86	264.80	194.22
TOTAL HORTICULTURAL SPECIALTIES	307.33	308.87	207.39
TOTAL AGRIC PRODUCTION/LIVESTOCK	330.32	303.26	310.56
TOTAL AGRICULTURAL SERVICES	377.50	279.55	331.57

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	41.4	36.2	37.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.1	34.3	34.6
TOTAL FRUITS AND TREE NUTS	34.3	32.3	34.4
GRAPES	33.8	30.9	33.9
OTHER FRUITS AND NUTS	35.9	38.6	36.1
TOTAL HORTICULTURAL SPECIALTIES	39.3	39.7	31.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.2	46.8	48.0
TOTAL AGRICULTURAL SERVICES	58.8	36.4	39.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1992	OCT 1992	NOV 1991
TOTAL AGRICULTURAL	7.07	7.32	7.19
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.44	7.45	7.17
TOTAL FRUITS AND TREE NUTS	7.74	7.73	7.44
GRAPES	8.17	7.98	8.05
OTHER FRUITS AND NUTS	6.57	6.86	5.38
TOTAL HORTICULTURAL SPECIALTIES	7.82	7.78	6.69
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.58	6.48	6.47
TOTAL AGRICULTURAL SERVICES	6.42	7.68	8.31

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.